TWO-WAY 6-BUTTON LCD AUTOMATIC/MANUAL TRANSMISSION REMOTE STARTER

FEATURING eSH TECHNOLOGY

CT-3471 TW

User Guide

WARNING !

It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner.

1. a) Manual transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the NEUTRAL position and the parking brake is engaged in order to avoid accidents upon remote starting.
   b) Automatic transmission: When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting.
   (Note: Make sure that the automatic vehicle cannot start in "Drive".)
2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

A note concerning the battery inside the transmitter:

Depending on your usage of the transmitter, the battery can last anywhere between 3 to 6 months. When the battery is low, the transmitter will produce two beeps in a repetitive cycle. *At that point you should replace your battery with a new one.* That is why we recommend that you keep a spare battery somewhere handy such as the glove compartment.

INDUSTRY CANADA USER NOTICE:
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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Introduction

This is a state-of-the-art remote car starter system. The system is packed with advanced features such as priority access to the driver's door (commodity features), the Safe Start children safety feature and SmartStart™.
SmartStart™ is a groundbreaking technology that enables your remote starter features to be accessed by your smartphone. Features include keyless entry, trunk release, panic, remote start/stop toggle and alarm notifications[1]. Note: SmartStart™ must be professionally installed. For more information, see your nearest authorised Directed Canada dealer.
With many advanced functions, this product will satisfy any one of your expectations from high-end commodity and security systems, without neglecting any standard feature commonly offered by entry-level starters.

What is "eSH" Technology?

"*e*SH" technology uses Manchester decoding, along with advanced custom data filters, to help reduce data-bit transfer errors. This filtering mechanism minimizes dropped commands by the transceiver and develops more reliable range. By using narrow band filtering and unique software driven noise filters, the radio set is able to achieve much better input sensitivity resulting in up to 2,000 feet of operating range.

Vehicle Presets

Heater

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, should not be left on HIGH. It is recommended to leave the settings on LOW or MEDIUM instead.

Windshield Wipers & Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain types of vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

Using the Remote Control

Your remote car starter is equipped with a 6-button multi-channel remote control. It can operate two independent vehicles equipped with a remote car starter.

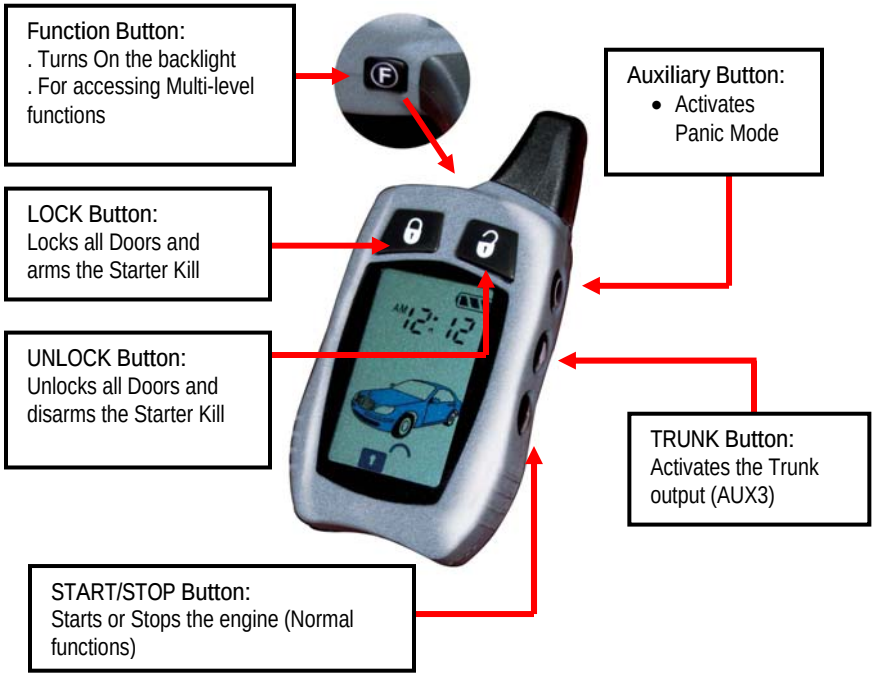
LCD Remote Functions

The transmitter offers several command-confirmation and timer features. This section explains some of the key functions available. The next section gives a summary of the button combinations used to access the functions.

[1] Certain conditions apply. See your authorized Directed Canada dealer.

Note: If you wish to exit a function while still in the process of accessing it, simply stops and wait at least 10 seconds: the transmitter will return to its normal state.

The functions of the transmitter are as follows:


Function Button:
. Turns On the backlight
. For accessing Multi-level functions
Auxiliary Button:
• Activates Panic Mode
LOCK Button:
Locks all Doors and arms the Starter Kill
UNLOCK Button:
Unlocks all Doors and disarms the Starter Kill
TRUNK Button:
Activates the Trunk output (AUX3)
START/STOP Button:
Starts or Stops the engine (Normal functions)

Basic Vehicle Operations

Function	Button pressed	Icon	Sound	Instructions /description
Lock			1 beep	Lock and arm the starter kill
Unlock			2 beeps	Unlock and disarm the starter kill
Trunk or aux 3			1 beep	Trunk output
Start * (see runtime options below)		+	Melody	Start the engine
Stop		None	Melody	Stop the engine
Back light	F	On for 5 seconds		Press F once
Cold weather	F +	24H	1 beep	See Cold Weather Mode section
Remote valet	+	V	1 beep	See Vale mode section
Panic	O	None	1 beep	See Panic Mode section

Transmitter Mode Selection

Function	Button pressed	Icon	sound	Instructions /description
Vibration mode	Press and hold F and then press		Vibrates 4x	
Alarm clock mode on/off	F +	AM PM 18:88	Melody	• Press once to have alarm clock on • Press twice to have alarm clock off

How to access remote's function menus:

User		Transmitter
1. Press F until the remote beeps once	➔	S01 appears on screen.
2. Press F a 2nd time for 2 second and release	➔	Remote beeps once and S02 appears on screen.
3. Press F a 3rd time for 2 second and release	➔	Remote beeps once and S03 appears on screen.
4. Press and hold F button a 4th time until 2 beeps are heard.	➔	You have now accessed the first function of the remote.

Press the F button to toggle between remote's functions menu:

a. Press the button to increase the value or to activate or deactivate a function or to toggle through the melodies.
b. Press the to decrease the value or to activate or deactivate a function or to toggle through the melodies.
c. To save modifications, do not touch any buttons for approx 5 to 10 seconds. There will be a beep and the display will return to the time.

Function Menu Table:

Function 1: Adjust clock time (hour and minutes)	Function 5: Timer countdown
Function 2: Adjust alarm clock (hour and minutes)	Function 6: Melody selection for timer countdown
Function 3: Melody selection for the alarm	Function 7: Turn ON/OFF timer countdown
Function 4: Turn ON/OFF alarm clock	

Timer Countdown Adjustment

By pressing	Icon	Sound	Instructions / description
F + 1st time	0:10	Melody	10 min parking countdown mode
F + 2nd time	0:20	Melody	20 min parking countdown mode
F + 3rd time	0:30	Melody	30 min parking countdown mode
F + 4th time	1:00	Melody	60 min parking countdown mode
F + 5th time	1:30	Melody	90 min parking countdown mode
F + 6th time	2:00	Melody	120 min parking countdown mode
F + 7th time	0:00	Melody	Parking countdown off mode

Once the Countdown is activated it will continue counting down until reaching 0:00. If the Timer has not reached 0:00 and you are starting the vehicle, you should reset your Countdown Timer to 0:00 before starting your vehicle as to avoid being startled.

Arming and disarming the Starter Kill

This added security feature will prevent the vehicle from starting with the Ignition key when the starter kill is armed. If the system was installed with the starter kill option, you will not be able to start the vehicle with the key unless the system has been unlocked first or put into Valet Mode (page-9).

Note: If the Starter Kill is installed, the vehicle will benefit from a protection against starter motor damage that could occur after remote-starting the engine should the user, by force of habit, turn the ignition key to the CRANK position.

The Starter Kill (if installed) can be configured by the installer either to Passive Mode (so as to arm automatically) or Active Mode (so as to require the user's intervention for arming). By default, your Remote Car Starter is configured to Passive Mode.

Passive mode:

To arm the Starter Kill, press the button on the transmitter, OR

1. In Passive Mode, the Starter Kill will automatically arm 1 minute (by default) or 3 minutes (if configured this way) after the ignition is turned OFF or once the last door is closed (if the doors are monitored).
2. The LED on the antenna will flash quickly during the countdown preceding the activation of the Starter Kill.
3. Once the activation countdown expires, the LED will send a series of quick double flashes to indicate that the Starter Kill is now armed.

To disarm the Starter Kill, press the button on the transmitter.

- The Starter Kill will automatically rearm itself after 1 minute (by default) or 3 minutes (if configured this way) if no door is left opened (if the doors are monitored) and the ignition is not turned ON.

Active Mode:

To arm the Starter Kill, press the button on the transmitter.

1. The parking lights will flash once.
2. The LED on the antenna will flash slowly.
3. If remote door locks are installed, this will also lock the doors and arm the OEM-style alarm.

To disarm the Starter Kill, press the button on the transmitter.

1. The parking lights will flash twice.
2. The LED on the antenna will remain OFF.
3. If remote door locks are installed, this will also unlock the doors.

Remote-Starting Your Vehicle

Setting Your Vehicle Into Ready Mode

If your vehicle has a manual transmission you must read the following indications. The unit must first be set to Ready Mode in order to start the vehicle by remote. If the unit is not set to Ready Mode, it cannot remote start the vehicle.

Please note that Ready Mode can be enabled by the remote or the handbrake, depending on the option that was selected by your installer. Therefore, you must follow the appropriate procedure between the two described below in order to set your vehicle into Ready Mode.

Once the system is set to Ready Mode, the vehicle can be remote started and stopped at any time. The system will exit Ready Mode if a door, the hood or the trunk is opened, if the brake pedal is pressed, if the parking brake is disengaged or if the ignition key is turned to the IGNITION ON (RUN) position.

To set the system to Ready Mode:

If Ready Mode is enabled by remote	If Ready Mode is enabled by handbrake
1. Ensure that all the doors, hood and trunk are closed. Make sure that the gear selector is in the neutral position.	
2. With the engine already running, apply the parking brake once and release the brake pedal.	2. With the engine already running, apply the parking brake twice within 10sec. Make sure to release the brake pedal. The parking lights will flash 3 times quickly and remain lit. Skip to step 4.
3. Within 20 sec. of engaging the parking brake, press and hold , or on the transmitter. The parking lights will flash 3 times quickly and remain lit.	-
4. Remove the key: the engine will continue running.	
5. Exit the vehicle and close all doors, hood and trunk.	
6. Press for approx. 1 second either: • to lock the doors and shut down the engine; • to unlock the doors and shut down the engine; • to shut down the engine without affecting the doors.	
7. The icon will appear on your screen.	

Remote-starting

1. Press the button. The remote will beep once.
2. Approximately 5 seconds later, the remote will play a start melody to confirm the remote starter's activation.

If your vehicle has an automatic transmission and it does not start at the first attempt, the system will shut down, wait a few seconds and try to start the engine again. There will be 3 start attempts before the system gives up.

Driving Off

With the vehicle running under remote control, press the button to disarm the starter kill (if installed) and unlock the doors. Enter the vehicle and do the following:

- Turn the ignition key to the IGNITION ON (RUN) position. (Do not turn the key to the CRANK position while the engine is running. This would cause the starter motor to re-engage.)
- Press the brake pedal to disengage the remote starter unit.

You are now ready to drive off.

Remote Starter Features

Remote Door Locks

If your system was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To lock your doors and arm the starter kill (if installed):

1. Press and hold the button for approx. 1 sec.
2. The remote will beep once then display the icon to confirm that the doors have been locked.

To unlock your doors and disarm the starter kill (if installed):

1. Press and hold the button for approx. 1 sec.
2. The remote will beep twice then display the icon to confirm that the doors have been unlocked.

Remote Trunk Release

If your system was installed with the Remote Trunk Release option, you can open your trunk by pressing the button until the remote displays on the screen. In addition, this will also disarm the OEM style alarm.

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running.

If your vehicle has an automatic transmission, proceed as follows to set the system to Idle Mode:

1. With the engine running, make sure to release the brake pedal and press the , or button on the transmitter until the parking lights come ON.
2. Remove the ignition key from the ignition switch.
   The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the button to lock the doors, to arm the starter kill and to arm the OEM style alarm.

If your vehicle has a manual transmission, Idle Mode can be activated through the same routine as that used for Ready Mode (page-7); at the last step, press button to lock the doors, arm the system and leave the engine running.

Note1: The engine will continue running until the user re-enters the vehicle or until the expiration of the engine run time.

Note2: If the pre-programmed run-time expires or if the user shuts down the engine by remote control, the vehicle will enter Ready Mode.

Caution!!! Do not leave children or pets unattended in a vehicle standing in Idle Mode.

Valet Modes

When the vehicle is in Valet Mode, the remote starter and alarm functionalities are disabled. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

Any of the following features will put your remote car starter into Valet Mode:

Ignition Valet: This feature allows you to put your system into Valet Mode by using the ignition key.

Remote valet: This feature allows you to put your system into Valet Mode by using the transmitter.

To put the system into Valet Mode

To put the system into Valet mode using the KEY (Ignition Valet Mode):

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.
2. The parking lights will flash three times.
3. Turn the ignition OFF.
4. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.
5. The V icon will appear on your LCD remote.

To put the system into Valet mode using the TRANSMITTER (Remote Valet Mode):

1. Press the and buttons simultaneously until the V icon will appear on your LCD remote.
2. The LED on the antenna will come ON solid to indicate that the vehicle has successfully entered Valet mode.

To take the system out of Valet Mode

To take the system out of Valet mode using the KEY (Ignition Valet Mode):

1. Insert the ignition key into the ignition switch. Within 10 sec., turn the key 5 times successively into the IGNITION/RUN and OFF positions.
2. The parking lights will flash twice.
3. Turn the ignition OFF.
4. The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.
5. The [V] icon will disappear on your LCD remote.

To take the system out of Valet mode using the TRANSMITTER (Remote Valet Mode):

1. Press the 🔓 and ⚡ buttons simultaneously until the [V] icon will disappear from your LCD remote.
2. The LED on the antenna will flash quickly to indicate that the vehicle is now out of Valet mode.

The system will warn you if someone attempts to remote start the vehicle while in Valet Mode:
The parking lights will:
Turn ON then OFF; then
Flash twice.

Panic Mode

Note: Panic mode can only be activated if the horn has been adequately configured by the installer.

In an emergency situation, you can activate panic mode by pressing and holding the AUXILIARY BUTTON until the horn starts honking. If the vehicle is under a remote start, the engine will shutdown automatically before setting off the horn. You can stop the horn by pressing:

🔒 (this will lock your doors and deactivate panic mode), or

🔓 (this will unlock your doors and deactivate panic mode).

Furthermore, the panic mode can be stopped by activating Valet Mode (page-9)

* Panic Mode will automatically shut down after 30sec.

Quick Lockout™

(Also called Secure Panic.) For fast protection in emergency situations, the system will LOCK all doors when you press the brake pedal while you hear the sound signal. (Quick Lockout is only available when panic mode has been set off.)

Cold Weather Mode

If the vehicle has a Manual transmission, Ready mode (page-7) should be set before entering Cold Weather. When cold weather mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with diesel engines). Cold weather mode automatically ends after 24 hours. The vehicle must be set in ready mode (manual transmission) before the cold weather mode can be activated.

To enter Cold Weather Mode:

1. Press the [F] for 1 second and release. The remote will beep once and 501 will appear on the display.
2. Press and hold the ⚡ button until the 24H icon will appear on the display.

To exit Cold Weather Mode, do any one of the following actions:

- Open the hood.
- Start the engine by remote.
- Turn the ignition key to the IGNITION ON (RUN) position.
- Press the F for 1 second and release. The remote will beep once and 501 will appear on the display.
- Press and hold the ⚡ button until the 24H icon will disappear on the display.

To verify whether the system is in cold weather mode:

- The 24H icon should appear on your remote display.
- OR
- Press the brake pedal:
- If the vehicle is in cold weather mode, the parking lights will remain ON while the brake pedal is pressed. (Automatic transmission ONLY).

Extended Run Time

While the vehicle is running under a remote start, press and hold the ⚡ button until the remote plays the start melody. This will reset the run time counter to zero and restart the run time cycle from the beginning. The extended run time procedure can only be carried out once per remote start.

To stop the vehicle, at any moment, simply press the ⚡ button.

Example: If your remote car starter is programmed for a run time of 3 minutes and your vehicle has been running for 2 minutes already, pressing the ⚡ button will reset the counter to zero and allow the engine to run for another cycle (in this case, 3 minutes).

LED flashing

To disable the LED: Press and hold 🔓 and 🔒 simultaneously until the remote beeps once, pause for 2 seconds, then beeps once again. Release the buttons. The parking light will flash 3 times.

To Enable the LED: Press and hold 🔓 and 🔒 simultaneously until the remote beeps once, pause for 2 seconds, then beeps once again. Release the buttons. The parking light will flash 1 time.

Constant output

- Pressing and holding the 🔓 button for more than 3 seconds will lock all doors and will send a constant pulse as long as the 🔒 button is held down (maximum of 15 seconds). This constant pulse can be configured to activate certain functionalities such as rolling up the windows – Please refer to your installer to see if your vehicle is compatible with this option.
- Pressing and holding the 🔒 button for more than 3 seconds will unlock all doors and will send a constant pulse as long as the 🔓 button is held down (maximum of 15 seconds). This constant pulse can be configured to activate certain functionalities such as rolling down the windows – Please refer to your installer to see if your vehicle is compatible with this option.

Missing a Start or a Stop Confirmation

If you have not received a Start or the Stop confirmation after pressing the button, pressing the button will refresh the display and will confirm if the vehicle was started or stopped.

If no Start Confirmation Was Received:

- Press the button:
  - The remote's icon will start flashing
  - The icon and runtime time countdown will be displayed.

If no Stop Confirmation Was Received:

- Press the button:
  - The will be displayed
  - The remote's icon and the runtime countdown will disappear.

Advanced Features: Installation-programmable Options

The remote starter was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

Caution: The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your remote starter.

Ignition-controlled Door Locks

This is an added security feature. If your Remote Car Starter was installed with the Ignition-Controlled Door Locks option, the doors will automatically lock as soon as the ignition key is turned to the IGNITION ON (RUN) position while the brakes are pressed. The remote car starter will also lock any door that was unlocked and opened (then closed) the next time the brake pedal is pressed. When the key is turned to the OFF position, the doors will automatically be unlocked.

Secure Lock

Before it can remote-start your vehicle, the remote starter must first disarm the factory security system. The secure lock feature may be required on certain vehicle models with factory security systems that automatically unlock the doors when the security system is disarmed.
To keep your vehicle protected when the factory security system is disarmed for a remote start, secure lock will relock your doors as soon as the vehicle has started. Once the engine run cycle ends, secure lock will rearm your factory security system.

Safe Start

This feature will eliminate accidental remote starts, e.g. when children are playing with the transmitter.

Safe start enabled: If this feature is enabled, the user must press the button twice within 3 seconds to remote-start the vehicle.

Swap start: If this feature is enabled;

1. Press the F for 1 second and release.
2. The remote will beep once and 501 will appear on the display.
3. Press to remote start the vehicle.

The AUX 2 output can be activated by pressing the button.

Engine Run Time

If you have a gas engine, your remote starter can be programmed to run the engine for 3, 15, or 25 minutes (15 minutes by default). If you have a diesel engine, the remote starter can be programmed to run the engine for 8, 20, or 30 minutes (20 minutes default).

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine.

If your vehicle has an automatic transmission, proceed as follows to set the system to Turbo Mode:

1. With the engine running, make sure to release the brake pedal and press the , or button on the transmitter until the parking lights come ON.
2. Remove the ignition key from the ignition switch.
   The engine will continue running.
3. Exit the vehicle and close all doors, hood and trunk.
4. Press the button; this will lock the doors, arm the OEM-style alarm (if configured|) and confirm that the vehicle is in Turbo Mode.
5. The engine will shut down after 60 seconds.

If your vehicle has a manual transmission, follow all steps of the Ready Mode routine (page-7) to activate Turbo Mode. At the last step,

- Press to lock the doors and have the engine shut down after 60 seconds;
  The parking lights will flash 3 times and remain lit.
  The OEM-style alarm and starter kill (if configured) will be armed.
- Press to unlock the doors and have the engine shut down after 60 seconds;
  The parking lights will flash 3 times and remain lit.
- Press to shut down the engine without affecting the doors.

Note: The vehicle will enter Ready Mode once the engine run time expires.

"Home Valet™" Mode

If configured at installation, this feature will remotely set the vehicle to a no-remote-start mode: if the vehicle is parked indoors there is no danger of it starting accidentally by remote control. If the vehicle has a manual transmission, it should be set into ready mode before activating the Home Valet™.

Note: Once the Home Valet Mode is activated, the vehicle will not start by remote, but the OEM alarm functions will remain active.

To take the system into home valet mode:

1. Press the or button.
2. Within 3 seconds, press the and buttons simultaneously until the transmitter beep once and display V icon on the LCD screen.

To take the system out of home valet mode:

- Turn the ignition key to the IGNITION ON (RUN) position.

The system will warn you if someone attempts to start your vehicle while it stands in home valet mode. The parking lights will:

Turn ON then OFF; then
Flash twice, pause; then
Flash twice again.

AUX 1

Note: This 500 mA negative Aux 1 output can be used for many different applications

Priority door:

This great feature allows the user to unlock solely the driver's door with a single press of the button on the transmitter, and to unlock the other doors, if desired, by pressing the button for a second time.

The output will provide a 1-second negative output when the button is pressed a second time on the transmitter.

Horn Confirmation:

AUX 1 can be programmed to trigger the horn every time the button is pressed, or when the button is pressed twice within 3 seconds. When horn confirmation is activated, panic mode is enabled. If horn confirmation is disabled, panic mode will not be available.

Multi-car Operation

This option allows the owner of two vehicles, both equipped with the same remote starter model, to control both systems with a single remote control. To control the second vehicle:

- Press + : ..... LOCK
- Press + : ..... UNLOCK
- Press + : ..... START
- Press + : ..... STOP
- Press F ➢ F + : ..... TRUNK

or

- Press F ➤ F ➤ + : ..... LOCK
- Press F ➤ F ➤ + : ..... UNLOCK
- Press F ➤ F ➤ + : ..... START
- Press F ➤ F ➤ + : ..... STOP
- Press F ➤ F ➤ + : ..... TRUNK

Start/Stop While in Safe Start Mode

Function	Button press	Icon	Sound	Description
Start on safe start mode	+ x 2	+	Melody	Press + simultaneously twice within 3 seconds. Press for 1 sec- a beep will be heard- then press 1sec and a melody will be heard again.
Stop on safe start mode	+	None	Melody	

Note: Your remote control must be configured for second car operation by the installer.

OEM-Style Alarm

The OEM-style alarm (if configured by your installer) monitors the doors, hood and ignition switch of your vehicle. It will sound the horn if a door or the hood is opened, or if the key is turned in the ignition.

- To arm the OEM-style alarm, press the button on the transmitter.
  - The OEM-style alarm will ONLY arm if the button on the transmitter is pressed.
  - The LED on the antenna will flash slowly to indicate that the OEM-style alarm is now armed.
- To disarm the OEM-style alarm, press the button on the transmitter.
  - To stop the horn from sounding if the OEM-style alarm is triggered, press the or button, or put the system in and out of Valet Mode (page-9)

Intrusion Codes via horn

The system monitors the following:

- Doors
- Hood
- Ignition

Note: If an intrusion has occurred the HORN will sound for a maximum of 1minute.

If an intrusion has occurred and pressed, the horn provides an intrusion code corresponding to the type of intrusion that occurred.

Diagnostic table:

1x = power interruption	4x = Doors intrusion
3x = Hood	6x = Ignition

Multi-Level Features

Basic Features (*press the* F button *1X)*		*Level 1*
F	➢	aux 2
F	➢	cold weather

Multi-Car Operation (*press the* F button *2X)*			*Level 2*
F	➢ F	➢	2nd car lock
F	➢ F	➢	2nd car unlock
F	➢ F	➢	2nd car start/stop
F	➢ F	➢	2nd car trunk

Customized Features (*press the* F button *3X)* *Level 3*

(*May not be compatible with some vehicles*)

Your installer can add customized features such as turning on the radio, opening sliding doors, etc.

F ➢	F ➢	F ➢		:	customized feature 1
F ➢	F ➢	F ➢		:	customized feature 2
F ➢	F ➢	F ➢		:	customized feature 3
F ➢	F ➢	F ➢		:	customized feature 4

Accessing the Multi-Level Features and Other Transmitter Functions

- To access a Level 1 feature, press and hold the F button until you hear a "beep"; within three seconds of hearing the "beep", release the F button. 501 will be displayed. This display means that you are now in Level 1. Simply press the corresponding button to access the desired feature.
- To access a Level 2 feature, press and hold the F button until you hear a "beep within three seconds of hearing the "beep", release the F button and press and release the F button once more. 502 will be displayed. This display means that you are now in Level 2. Simply press the corresponding button to access the desired feature.
- To access a Level 3 feature, press and hold the F button until you hear a "beep"; within three seconds of hearing the "beep", release the F button and press and release the F button two more times. 503 will be displayed. This display means that you are now in Level 3. Simply press the corresponding button to access the desired feature.
- To access the transmitter functions (clock and alarm adjustments), press and hold the F button until you hear a "beep"; within three seconds of hearing the "beep", release the F button and press and release the F button three more times. There will be two quick "beeps" indicating that you are now in the transmitter functions adjustment menu. The Hour position will be flashing. Simply press and release the F button until you reach the desired location and proceed with the adjustment by pressing the or buttons.

Your installer can customize the system as to personalize these multi-level features in an order that best suits you. Your options are:

Option 1:		
Level 1 (requires pressing the F button 1X)	→	Multi car operation
Level 2 (requires pressing the F button 2X)	→	Basic features
Level 3 (requires pressing the F button 3X)	→	Customized features
Option 2 (by default):		
Level 1 (requires pressing the F button 1X)	→	Basic features
Level 2 (requires pressing the F button 2X)	→	Multi car operation
Level 3 (requires pressing the F button 3X)	→	Customized features
Option 3:		
Level 1 (requires pressing the F button 1X)	→	Customized features
Level 2 (requires pressing the F button 2X)	→	Multi car operation
Level 3 (requires pressing the F button 3X)	→	Basic features
Option 4:		
Level 1 (requires pressing the F button 1X)	→	Basic features
Level 2 (requires pressing the F button 2X)	→	Customized features
Level 3 (requires pressing the F button 3X)	→	Multi car operation

Example: If the multi-level feature was set to option 3, the setup would be as follows:

For "basic features":

- To access the aux. 2 feature, the user needs to press on the F button three (3) times followed by the button.
- To access cold weather mode, the user needs to press on the F button three (3) times followed by the button.

Troubleshooting Poor Transmitting Range

Many factors may affect the operating range of the transmitter. Some of these are:

- The condition of the battery in the transmitter.
- The operating environment (for example: downtown radio-frequency noise, airports, cellular phone towers…)
- Metal: any type of metal will affect operating range. This includes the metal in the car.
- The shape of the vehicle can affect range as well; vans in general have an especially poor range.
- The shape of the roof and A-pillars brings about considerable radio-frequency deflection (in this case the signal from the remote control). As a result, the direction in which the vehicle is facing in relation to the remote control can affect the range. Straight on – standing in front of the vehicle – generally gives you the greatest range; the second best performance is from the back. Using the remote control from either side of the vehicle will usually give the lowest range.
- The range will be significantly lower in a crowded parking lot than in open space.
- Always hold the transmitter high, approximately at shoulder height. Holding the transmitter against your chin will also increase your range: your head acts as an antenna.

- The operating range will be somewhat lower on vehicles equipped with an aftermarket or factory alarm.

Parking Light Flash Table

Parking lights flashes	Description
1	• Doors locked. • Trunk released. • Start signal received from the remote. • Runtime has expired
2 slow	• Shutdown by remote
2 fast	• Doors unlocked • Valet mode is deactivated
3 slow	• Runtime is extended.
3 fast	• Valet mode activated.
4 fast	• Shutdown by brake • A remote start was attempted while the brake pedal is engaged.
10 fast	• Shutdown by hood • A remote start was attempted while the hood is open.
ON ➔ twice	• Cold weather mode deactivated
ON ➔ 3 times	• Cold weather mode activated.
Solid ON	• Engine is running under remote start.
Flash for 30 sec.	• Panic mode is triggered.
Flash for 60 sec.	• Alarm is triggered.
ON ➔ twice ➔ twice	• A remote start was attempted while the system is in home valet.

PROSTART LIMITED LIFETIME WARRANTY

REMOTE STARTERS:
As the manufacturer, DIRECTED ELECTRONICS, CANADA INC. ("Directed") warrants to the original consumer purchaser only (non-transferable) that the remote starter module (control box) shall be free from defects in materials and workmanship for as long as the original consumer purchaser continuously owns the vehicle in which the remote starter was originally installed, as specified below:

1) For the first year after the date of purchase, as specified by the date on the original proof of purchase, Directed will replace the remote starter module free of charge with a new remote starter module. Consumers shall provide a copy of the proof of purchase at the point of purchase for the exchange to take place. The remainder of the coverage period of the original warranty will apply to the new module.
2) For the second year after the date of purchase, as specified by date on the original proof of purchase, Directed will replace the remote starter module free of charge with a repaired or refurbished remote starter module. All product returns to Directed for warranty service require a Return Merchandise Authorization (RMA). This RMA must be issued prior to returning product to Directed. Products returned without this RMA number will be refused & returned to you at your expense. Consumers shall send the module (only) and a copy of the proof of purchase, freight prepaid, along with their name, address and telephone number, to the PROSTART SERVICE CENTER for the exchange to take place. MODULES RETURNED TO THE POINT OF PURCHASE AFTER THE ONE-YEAR REPLACEMENT PERIOD WILL NOT BE ACCEPTED. A module will be returned to the consumer, freight collect, within 4 weeks of receipt of the module. The remainder of the coverage period of the original warranty will apply to the exchanged module. Directed will not be held responsible for modules sent without a proof of purchase. Directed will not be held responsible for modules lost or damaged while in transit.
3) For the third year and any consecutive year after the date of purchase, as specified by the date on the original proof of purchase, Directed will provide to the original consumer purchaser a repaired or refurbished remote starter module, for a repair and shipping/handling charge of $45.00 plus applicable taxes, a cheque or money order made payable to DIRECTED ELECTRONICS, CANADA INC must accompany the remote starter module. A module will be returned to the consumer, freight prepaid, within 4 weeks of receipt of the module. Directed will not be held responsible for modules sent without a cheque or money order and/or proof of purchase. The consumer should follow the same procedure as in (2), and all conditions apply as in (2).

ACCESSORIES:
Directed warrants to the original consumer purchaser only (non-transferable) that it will replace any Directed accessory part for a one-year period from date of purchase. Accessories will only be replaced if proven defective in material or workmanship, and if, when the accessory is returned to the point of purchase, the retailer is provided with a copy of the proof of purchase.

THE WARRANTY IS VOID IF:

1) The product has been damaged, altered in any way or tampered with, without the explicit written consent of a Directed technician. For remote starter modules, this includes the opening or removal of the plastic covering of the module, or the removal or alteration of the barcode label on the plastic covering of the module.
2) The product is damaged due to accident, fire, flood, shipping and handling, misuse, neglect, or other conditions beyond the control of Directed.
3) The product has been installed or repaired by anyone other than a certified technician.
4) The product has been improperly installed or used.

THE WARRANTY DOES NOT COVER:

1) Batteries.
2) Scratched or worn transmitter cases.
3) Installation and/or removal charges for all remote starter modules and accessories.
4) Shipping and handling charges incurred for product exchange or replacement.
5) Any material damages other than to the product itself.
6) Harnessing, LED lights, switches, inverters, relays, etc.

THIS LIMITED LIFETIME WARRANTY SHALL CONSTITUTE THE SOLE LIABILITY OF DIRECTED FOR OUR PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THERE ARE NO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO PERSON, FIRM OR CORPORATION IS AUTHORIZED TO ASSUME FOR AUTOSTART ANY OTHER LIABILITY WITH RESPECT TO THE SALE OR USE OF OUR PRODUCTS. DIRECTED'S LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR ANY OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT FOR DAMAGE IS THE BASIS OF THE CLAIM. UNDER NO CIRCUMSTANCE WILL AUTOSTART, ITS DISTRIBUTORS OR THEIR AGENTS BEAR ANY LIABILITY WHATSOEVER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The parties hereto elect that any dispute regarding the present document be submitted to the appropriate Court located in the Province of Quebec, District of Montreal. The parties hereto agree that this document is governed by and interpreted in accordance with the law of Quebec. If the purchaser is located in a province of Canada other than Quebec, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the law of Ontario. If the purchaser is located outside Canada, all matters dealing with the warranty of quality will be governed by and interpreted in accordance with the United Nations Convention on Contracts for the International Sale of Goods (the "Vienna Convention").

PROSTART SERVICE CENTRE / WARRANTY PROGRAM
2750, Alphonse-Gariépy
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Phone: 1-877-925-6243 *(Return Merchandise Authorization and/ or Warranty- related questions only)*